

## 4.19 Lavatories and Mirrors

stall and any obstruction may be reduced to a minimum of 42 in (1065 mm) (Fig. 30).

**4.17.6 Grab Bars.** Grab bars complying with the length and positioning shown in Fig. 30(a), (b), (c), and (d) shall be provided. Grab bars may be mounted with any desired method as long as they have a gripping surface at the locations shown and do not obstruct the required clear floor area. Grab bars shall comply with 4.26.

### 4.18 Urinals.

**4.18.1 General.** Accessible urinals shall comply with 4.18.

**4.18.2 Height.** Urinals shall be stall-type or wall-hung with an elongated rim at a maximum of 17 in (430 mm) above the finish floor.

**4.18.3 Clear Floor Space.** A clear floor space 30 in by 48 in (760 mm by 1220 mm) shall be provided in front of urinals to allow forward approach. This clear space shall adjoin or overlap an accessible route and shall comply with 4.2.4. *Urinal shields that do not extend beyond the front edge of the urinal rim may be provided with 29 in (735 mm) clearance between them.*

**4.18.4 Flush Controls.** Flush controls shall be hand operated or automatic, and shall comply with 4.27.4, and shall be mounted no more than 44 in (1120 mm) above the finish floor.

## 4.19 Lavatories and Mirrors.

**4.19.1 General.** The requirements of 4.19 shall apply to lavatory fixtures, vanities, and built-in lavatories.

**4.19.2 Height and Clearances.** Lavatories shall be mounted with the rim or counter surface no higher than 34 in (865 mm) above the finish floor. Provide a clearance of at least 29 in (735 mm) above the finish floor to the bottom of the apron. Knee and toe clearance shall comply with Fig. 31.

**4.19.3 Clear Floor Space.** A clear floor space 30 in by 48 in (760 mm by 1220 mm) complying with 4.2.4 shall be provided in front of a lavatory to allow forward approach. Such

clear floor space shall adjoin or overlap an accessible route and shall extend a maximum of 19 in (485 mm) underneath the lavatory (see Fig. 32).

**4.19.4 Exposed Pipes and Surfaces.** Hot water and drain pipes under lavatories shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories.

**4.19.5 Faucets.** Faucets shall comply with 4.27.4. Lever-operated, push-type, and electronically controlled mechanisms are examples of acceptable designs. *If self-closing valves are*

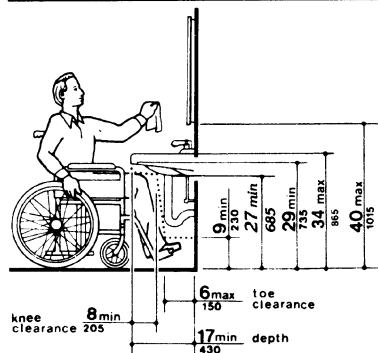


Fig. 31  
Lavatory Clearances

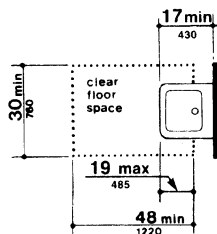


Fig. 32  
Clear Floor Space at Lavatories